



TELEFAX

AMENDMENT

The present set of claims replaces all previous sets of claims currently on file.

Claim 1 (Previously Canceled).

Claim 2 (Currently amended) A method in a cellular telecommunications network of allocating network resources to perform a requested service, said method comprising the steps of: determining by a Mobile Switching Center (MSC) each particular cell's capability to provide the requested service prior to allocating network resources in that cell;

~~building by the MSC a cell list comprising only cells that can provide the requested service, wherein the MSC builds lists~~ a first list of a location area (LA) of cells that are capable to provide the requested service belonging to a location area (LA), a second list of cells of a paging area (PA) that are capable to provide the requested service to a paging area (PA) and a third list of cells of a service area (SA) that are capable to provide the requested service to a service area (SA); and

~~allocating at the MSC network resources by paging for a mobile station only in the cells of the cell list, starting with~~ by paging the mobile station in the cells of the first list LA, and in the absence of a response from the mobile station, paging the mobile station in the cells of the second list PA, and in the absence of a response paging the mobile station in the cells of the third list SA.

Claims 3-8 (Previously canceled)

Claim 9 (Currently amended) A Mobile Switching Center (MSC) for allocating network resources for paging a mobile station in a cellular telecommunications network to perform a requested service, said MSC comprising:

a capabilities database that stores information identifying each particular cell's capability to provide each of a plurality of services;

a processor that compares the requested service to the information stored in the capabilities database for each cell in order to determine each cell's capability to provide the requested service; and

~~a resource controller that builds a list of cells comprising cells capable to provide the requested service identified by the processor, the resource controller building lists~~ a first list of cells of a location area (LA) that are capable to provide the requested service belonging to a location area

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(LA), a second list of cells of a paging area (PA) that are capable to provide the requested service to
a paging area (PA) and a third list of cells of a service area (SA) that are capable to provide the
requested service to a service area (SA), the resource controller allocating network resources for
paging the mobile station consecutively in the LA, the PA and the SA first list, the second list and the
third list.

Claims 10-17 (Previously canceled)